SLM EXECUTIVE SERIES

THE POWERFUL, YET COMPACT, PROJECTION SOLUTION FOR AUDITORIUMS AND CONFERENCE HALLS

BARCO innovators in image processing

SLM EXECUTIVE SERIES

Powerful Performance, Compact Size

Barco's SLM EXECUTIVE Series is considered the best projector in its class for fixed installations in high-profile venues like customer centers, conference halls and auditoriums. Thanks to the combination of three-chip Digital Light Processing (DLP™) technology and Barco's powerful pixel map processing, your audience will enjoy sharp, vibrant video images, with remarkable color depth and uniformity. This versatile SLM projector series ranges in light output from 5,000 to 8,000 ANSI lumens and is the perfect projection solution for convincing and compelling presentations for large audiences.

- **Up to 8,000 ANSI lumens**
- Ideal for multiple-screen applications
- Vibrant, true-to-life colors and razor-sharp images
- Seamless Source Switching
- Remote Control & Diagnostics
- Available in XGA or S-XGA resolution

The first 8,000 ANSI lumens DLP™ projector

Remote Control

RS232 for communication with third party control panels or PC's and for software uploads

Dual Multifunctional 5-cable input
For the connection of:
• RGB analog signals with standard sync or tri-level sync
• Standard Video Signals (Component Video and Composite Video)
• S-VHS Signals

Video-input with decoder
To process additional video signals, and allows to switch seamlessly between two video sources.

SDI loop-through
To easily connect the latest generation of digital video.

DVI in / DVI out
Digital Visual Interface:
the digital standard for data connections. The digital signal from the computer is transmitted directly to the LCD panels with minimal degradation or interference.

Slot for optional inputs
• HD-SDI Loop-through Input Card
High-definition digital video interface.
• SDI Loop-through Input Card
Serial Digital Interface.

Standard Digital & Analog Inputs

of this compact size.

The reference for multiple-screen applications

The SLM Series includes unique features that make it an ideal solution when projecting with several projectors on multiple screens.

• Uniform brightness over multiple screens
Barco's smart *Linked Constant Light Output* feature synchronizes and automatically adjusts the light output of linked SLM EXECUTIVE projectors, resulting in a uniform brightness over multiple screens.

• Unique edge-blending software
When projecting on multiple-adherent screens, to obtain panoramic images, it is important to ensure a smooth overlap of the different images. Barco developed a unique software, called SCENERGIX, available as an option on SLM Series. This edge-blending solution combines images projected by two (or more) SLM projectors: the software combines the processing of the 2 projectors and projects one image without visible overlaps.

Thanks to the powerful DLP three-chip technology, the color uniformity over multiple screens is guaranteed as well.

Seamless Source Switching

Enhance the flow and momentum of large audience presentations thanks to the seamless source switching functionalities. Switch sources on-the-fly without distracting on-screen warning messages or irritating waiting intervals.
Special effects like fade in and fade out offer smooth visual transitions when switching sources. No need to go to the expense of external switchers.

Ultimate flexibility: trade-off between brightness and contrast, depending on your application*

In applications where you need high-contrast images, like high-quality video in an auditorium, you can select the "High Contrast Mode" from the menu. With this feature, a contrast ratio of more than 900:1 will be attained, the light output level will be reduced by half. However, for a data presentation in a brightly lit auditorium, you can switch back to the normal 8,000 ANSI lumens brightness.
*Available on SLM EXECUTIVE G8 and SLM R8

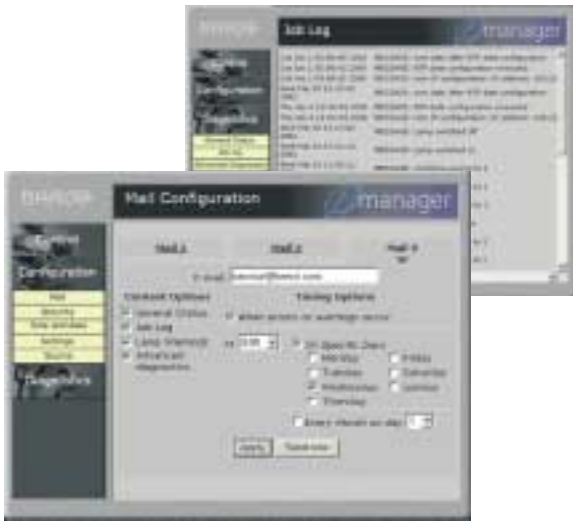
00 & 8,000 ANSI lumens

Standard Light Shutter for long intermissions

Remote control & diagnostics thanks to network connectivity

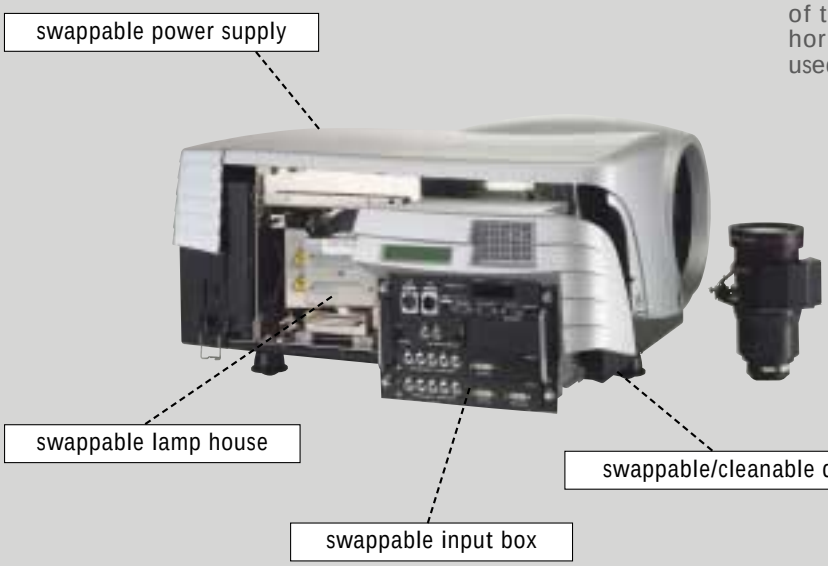
Thanks to the optional network interface, the SLM projector becomes an IP-addressable device and allows the Facility Manager to access and manage projectors in different locations from one central point or a remote location. Status information like total runtime of the projector as well as warnings, like lamp-life status, can be sent to the AV Facility Manager via email, resulting in an improved and faster service.

This networking feature results in a lower total cost of ownership and facilitates the integration of the projection device in the company.



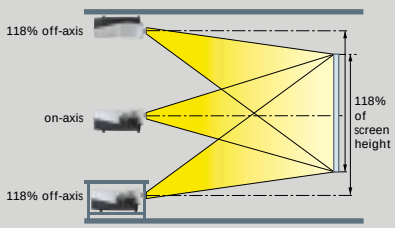
Greater accessibility to serviceable parts, even in fixed ceiling mount installation

The modular structure of the SLM series enhances the maintenance and serviceability of the projectors.



Features enabling easy installation

- Extreme horizontal and vertical lens shift
- Motorized "click-and-play™" lenses. The SLM projector is ready to project in any presentation area, thanks to the wide range of high-quality lenses.
- The Ceiling Mount enhances fixed-ceiling installation.
- The Multifunctional Frame allows placement of the SLM projector in any direction (vertical, horizontal and sideway). This frame can also be used for multi-stacking purposes (redundancy).



SLM EXECUTIVE Series Comparison Chart

	G5	R6	G8	R8
Light output (ANSI)[1]	5000 lumens	5000 lumens	8000 lumens	8000 lumens
Native resolution	1024 x 768 pixels	1280 x 1024 pixels	1024 x 768 pixels	1280 x1024 pixels
Input compatibility	up to 1600 x 1200	up to 1600 x 1200	up to 1600 x 1200	up to 1600 x 1200
Contrast ratio[2]	500 : 1	450 : 1	450 : 1	450 : 1
High Contrast Mode[3]	Not available	Not available	900 : 1	900 : 1
Brightness uniformity	90%	90%	90%	90%
Lamp power	1.2 kW	1.2 kW	2.0 kW	2.0 kW
Lamp lifetime (max)	1500 Hrs	1500 Hrs	750 Hrs	750 Hrs
Lamp lifetime (typical)	1000 Hrs	1000 Hrs	500 Hrs	500 Hrs
Linked CLO[4]	Standard	Standard	Standard	Standard
Noise level	< 43 dBA	< 43 dBA	< 54 dBA	< 54 dBA
Vertical lens shift[5]	-20% +118%	-20% +100%	-20% +118%	-20% +100%
Horizontal lens shift[5]	max. 65% (L+R)	max. 65% (L+R)	max. 65% (L+R)	max. 65% (L+R)
Light shutter	Standard	Standard	Standard	Standard
Sealed DLP core	Optional	Optional	Not available	Not available
Seamless switching	Standard	Standard	Standard	Standard
Transition effects	Standard	Standard	Standard	Standard
ScenergiX	Optional	Optional	Optional	Optional
Network option slot	Yes	Yes	Yes	Yes
Network connection	Optional	Optional	Optional	Optional
Fixed inputs	5 Cable (2x) / DVI (2x)	5 Cable (2x) / DVI (2x)	5 Cable (2x) / DVI (2x)	5 Cable (2x) / DVI (2x)
Video input with decoder	Yes	Yes	Yes	Yes
Serial Digital Input (SDI)	Yes	Yes	Yes	Yes
Free digital input slot	Yes	Yes	Yes	Yes
HD-SDI input card	Optional	Optional	Optional	Optional
Power supply	Auto sensing	Auto sensing	220 V	220 V
Power consumption	1600 W	1600 W	2550 W	2550 W
Weight	45 kg (99 lbs)	45 kg (99lbs)	45 kg (99lbs)	45 kg (99lbs)

(1) Measured with TLD 1.2:1 lens, on axis at 220 V
(2) Full white / full black on full field
(3) High Contrast Mode setting reduces light output to about 50%
(4) CLO: Constant Light Output
(5) Values given for zoom lenses

more info on www.presentations.barco.com

SLM EXECUTIVE Common Specifications

Screen Width
From 6 - 50 ft. / 1.8 - 15 m

Compatibility
• All current video sources including Composite, S-VHS, Component, RGB as well as serial digital
• All current HDTV, improved and extended TV-standards
• Computers and electronic workstations with a resolution up to 1600 x 1200 pixels
• Most Macintosh computers
• One digital input and a modular digital input slot allow direct digital interfacing with current and future digital inputs

Fixed Inputs
• 2 x multifunctional 5-cable input for the connection of:
- RGB analog signals with standard sync (BNC) or tri-level sync, sync on green or separate sync
- Standard video signals
- S-VHS signals
• 2 x multistandard DVI in
• 1 x DVI out

Modular inputs
• One slot with videocard input
• One digital input slot with SDI loop-through (Serial Digital Input)
• One free digital input slot for optional input modules:
- 1 x SDI loop-through
- 1 x HD-SDI loop-through (High-Definition Serial Digital Input)

Remote Control
• 1 x RS232 or RS422 (D9 connector) for PC based control
• 1 x communication port (D9 connector) for peripherals
• 3-pin XLR connectors for wired remote

Other Special Features
• Click-and-Play™ fast-swap lenses
• Seamless Source Switching
• High Contrast Mode
• Linked Constant Light Output
• Optional edge-blending software
• Sealed Optical System option available on SLM G5 and R6, for perfect performance of the projector in locations where smoke and dust are generated.

AC Power
Auto sensing power supply
110 - 255 V

Safety Regulations
Compliant with UL1950 and EN60950

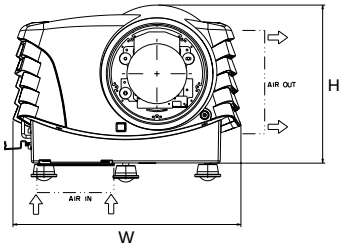
Electromagnetic Interference
Complies with FCC rules & regulations, part 15 Class B and CE EN55022 Class B

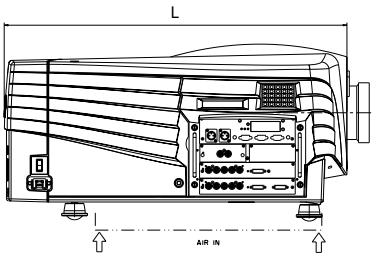
Order Information

SLM G5 EXECUTIVE	R9002780
SLM R6 EXECUTIVE	R9002790
SLM G8 EXECUTIVE	R9002970
SLM R8 EXECUTIVE	R9002980
Spare lamp for G5/R6 (including housing)	R9840740
Refurb lamp for G5/R6 (returned housing)	R9840820
Spare lamp for G8/R8 (including housing)	R9841480
Refurb lamp for G8/R8 (returned housing)	R9841490
Video input with decoder	R9841170
SDI input card	R9840110
HD-SDI input card	R9840450
SCENERGIX for G5:	R9840880
SCENERGIX for R6:	R9840890
SCENERGIX for G8:	R9841500
SCENERGIX for R8:	R9841510
Executive Remote Control	R9829960
Sealed Optical System	Ropt1794
Multifunctional frame	R9840840
Ceiling Mount Kit SLM Series with pulley	R9841010
Ceiling Mount Kit SLM Series without pulley	R9841011
Adapter Plate for CM100	R9841080

Lenses

Fixed Focal Length Lenses	
TLD (0.8)	R9840900
TLD (1.2)	R9840770
Motorized Zoom Lenses	
TLD (1.6 - 2.0)	R9840670
TLD (2.0 - 2.8)	R9840680
TLD (2.8 - 5.0)	R9840690
TLD (5.0 - 8.0)	R9840910





Dimensions	mm	inch
L	795	31.3
W	529	20.8
H	429	16.9

DESIGNED UNDER ISO 9001

BARCO Projection Systems is an ISO 9001 registered company.

The information and data given are typical for the equipment described. However any individual item is subject to change without any notice. The latest version of this brochure can be found on www.presentations.barco.com.

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